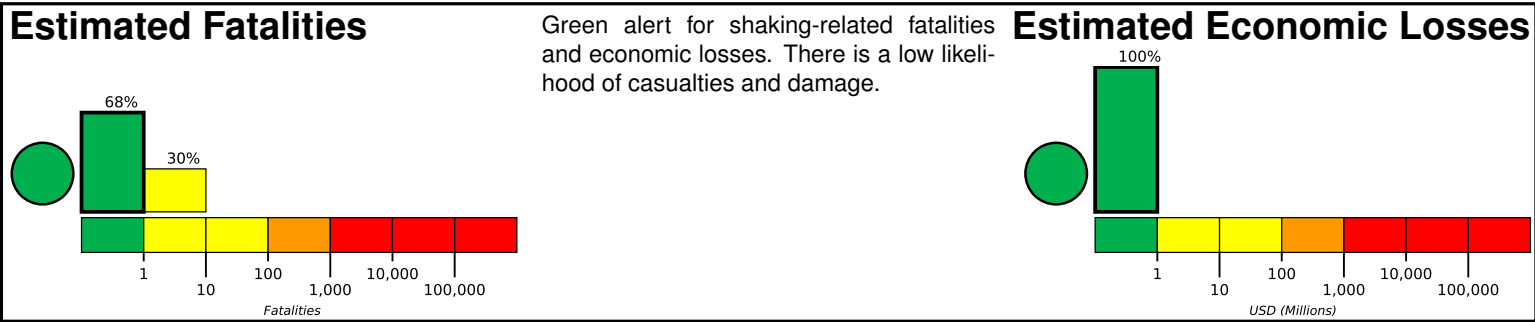


M 5.5, 32 km SSE of Ikungi, Tanzania

Origin Time: 2023-08-08 15:31:19 UTC (Tue 18:31:19 local)  
Location: 5.3881° S 34.9184° E Depth: 10.0 km

PAGER Version 2

Created: 2 hours, 3 minutes after earthquake

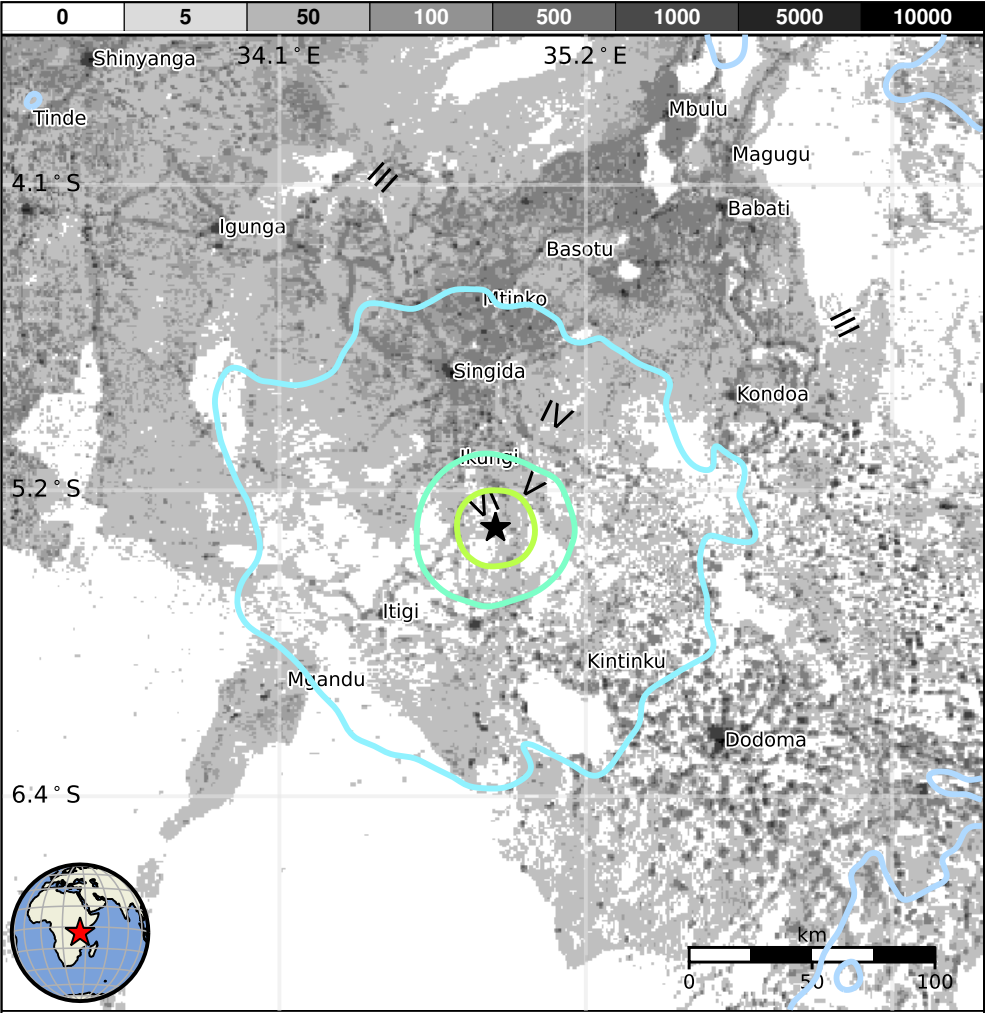


Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k=x1000)		—*	7,165k*	1,538k	69k	18k	2k	0	0	0
ESTIMATED MODIFIED MERCALLI INTENSITY		I	II-III	IV	V	VI	VII	VIII	IX	X+
PERCEIVED SHAKING		Not felt	Weak	Light	Moderate	Strong	Very Strong	Severe	Violent	Extreme
POTENTIAL DAMAGE	Resistant Structures	None	None	None	V. Light	Light	Moderate	Mod./Heavy	Heavy	V. Heavy
	Vulnerable Structures	None	None	None	Light	Moderate	Mod./Heavy	Heavy	V. Heavy	V. Heavy

\*Estimated exposure only includes population within the map area.

Population Exposure



Structures

Overall, the population in this region resides in structures that are highly vulnerable to earthquake shaking, though some resistant structures exist. The predominant vulnerable building types are mud wall with wood and adobe block construction.

Historical Earthquakes

Date (UTC)	Dist. (km)	Mag.	Max MMI(#)	Shaking Deaths
1990-05-15	279	5.5	VI(8k)	—
2007-07-17	329	5.9	IX(7k)	—
2002-05-18	304	5.5	VII(41k)	2

Selected City Exposure

from GeoNames.org

MMI	City	Population
IV	<b>Ikungi</b>	20k
IV	Mungaa	17k
IV	Puma	17k
IV	Kilimatinde	6k
IV	Itigi	20k
IV	Kintinku	8k
IV	Singida	62k
III	Dodoma	181k
III	Igunga	36k
III	Babati	34k
III	Shinyanga	107k